

THE GENUS *PARALEUCOPIS* MALLOCH (DIPTERA: CHAMAEMYIIDAE), WITH ONE NEW SPECIES¹

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Specimens of a small, shining black fly that "were hovering about the faces and getting into the eyes of workers" at the Boyd Desert Research Center, Riverside County, California, were recently sent to me. The species turned out to be an undescribed species of the genus *Paraleucopis* Malloch (1913). The genus has until now consisted of the sole species *P. corvina* Malloch, described from Kerr Ranch, New Mexico, 23 April 1910, taken on *Yucca* sp., together with one specimen from the same locality marked "from raven's nest, 5-4-1910." Of the 14 original specimens, 9 remain in the U.S. National Museum. A single specimen, not included with the type series, from Dallas, Texas, 6 May 1910, was also recorded with the original description. No additional records have been noted.

The new species is sufficiently similar to *P. corvina* that all of the distinctive characters that I can discern may be cited in comparison with those of *P. corvina*, as follows.

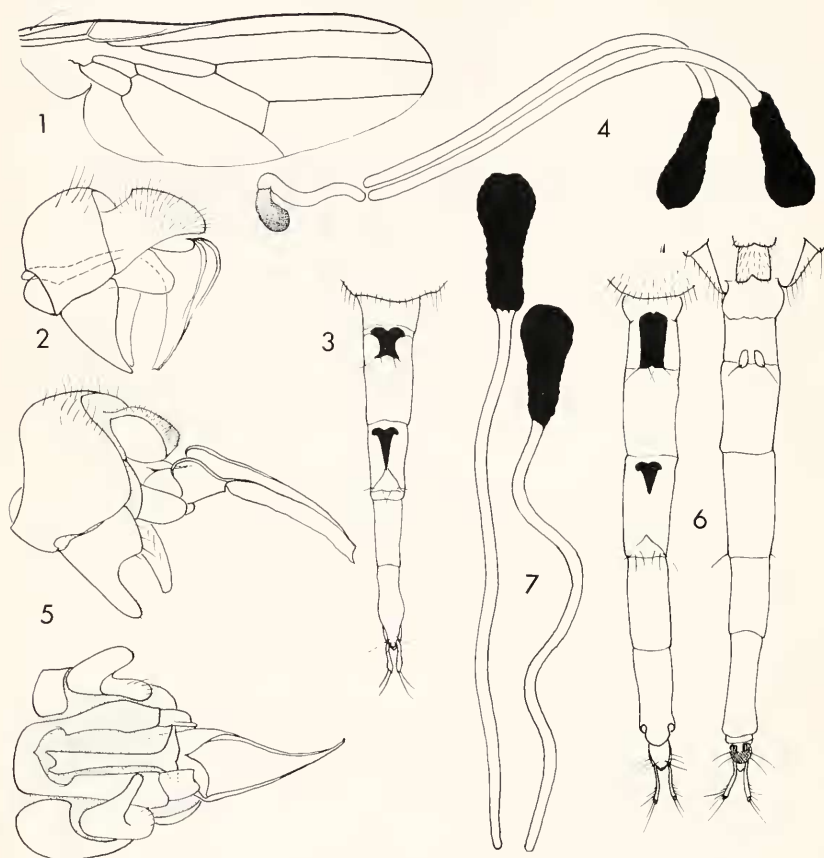
Paraleucopis corvina Malloch (1913: 149)

(FIGURES 1-4)

Legs yellow; femora piceous medially; hind tibia sometimes brownish. Front as long as wide at level of anterior ocellus, orbits converging anteriorly at angle of 10-15° with each other, 1 small upper *fo*. Wing as in Fig. 1, length in male

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FIGURES. 1-7, Details of *Paraleucopsis* species. *Paraleucopsis corvina* Malloch—1, wing; 2, oblique lateral view of male postabdomen (in plane of greatest expanse of surstylus); 3, dorsal view of female postabdomen; 4, spermathecae. *Paraleucopsis boydensis*, n. sp.—5, lateral and ventral views of male postabdomen; 6, dorsal (left) and ventral views of female postabdomen; 7, spermathecae.

1.8-2.0 mm, in female 2.0-2.15 mm. Male postabdomen (Fig. 2) with surstylus unguiform, curved posterad. Female postabdomen as in Fig. 3; spermathecae as in Fig. 4.

Paraleucopsis boydensis, NEW SPECIES

(FIGURES 5-7)

Legs yellow, femora and tibiae blackish except broadly at ends, last 2 tarsal

LITERATURE CITED

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- MALLOCH, J. R. 1913. A synopsis of the genera of Agromyzidae, with descriptions of new genera and species. Proc. United States Natl. Mus. 46: 127-154, pls. 4-6.

2.0080. The Genus *Paraleucopis* Malloch (Diptera, Chamaemyiidae), with one new species.

ABSTRACT.—*Paraleucopis boydensis*, new species, is described from specimens that were hovering about the faces and getting into the eyes of workers at Boyd Desert Research Center, Riverside County, California. It is distinguished from the type and previously sole known species of *Paraleucopis*, *P. corvina* Malloch, principally by details of the male and female postabdomens. Notes and figures of the latter species are also given. The genus is referred to the subfamily Cremifaniinae. GEORGE C. STEYSKAL, c/o U.S. National Museum, Washington, DC 20560.

Descriptors: Diptera; Chamaemyiidae; revision of *Paraleucopis*; *Paraleucopis boydensis*, new species; California.